Ucanpower, Bring Energy to Life!

CAN POWER

# UFox-X
# Off-Grid Energy Storage System



UFox-X series is an off-grid energy storage system, which can connect solar panel,grid（or generator) and load.

It contains expandable LFP battery, off-grid inverter and battery management system（BMS）.

It has multiple work modes to meet lots of application scenarios, and reduce the electricity bill, store the energy for emergency back-up.



**High Reliability**

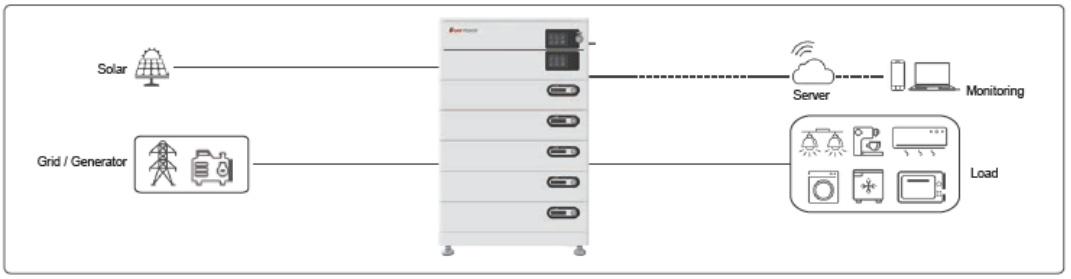
- LFP battery cell technology, safe than ever.
- Multiple protections,safe and reliable.

**User-Friendly**

- Multi-purpose AC outlet,easy to use.
- Multiple work modes, meet lots of scenarios.

**Advanced Design**

- Both PV and grid charge, fast and convenient.
- Peak-shaving mode, reduce the electricity bill.
- Modular and all in one design, compact and elegant appearance, battery is expandable.




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| Model | UFox-X-100ET | UFox-X-150ET |
|---|---|---|
| **Inverter** | | |
| Rated output power | 10000W | 15000W |
| Ouptut surge power | 20000W,5s | 30000W,5s |
| Max. output current | 16A/phase | 22.7A/phase |
| Rated output voltage | 220/380V | |
| Rated frequency | 50/60Hz | |
| THDv | <3% | |
| Output wave | Pure Sine Wave | |
| Output type | Pluggable connector | |
| AC input voltage range | 170~280V | |
| AC input frequency | 50/60Hz | |
| AC charge current per inverter(Battery) | 30A(0~60A) Adjustable | 30A(0~80A) Adjustable |
| Max. PV power(Recommended) | 4500W*3 | 6000W*3 |
| Max. PV voltage | 450V | |
| MPPT voltage range | 120~430V | |
| Max PV charge current(Battery) | 80A*3 | 100A*3 |
| Weight | 47.4kg | |
| Dimension [W x D x H] | 620*365*369 mm | |
| **Battery module** | | |
| Rated battery voltage | 51.2V | |
| Battery voltgae range | 44.8~57.6V | |
| Capacity | 5.12 kWh | |
| Max. charge and discharge rate | 1C | |
| Battery type | Li-ion（LFP） | |
| Weight | 46.6kg | |
| Dimension [W x D x H] | 620*365*139mm | |

| **System Parameters** | | | | | | | |
|---|---|---|---|---|---|---|---|
| System Structure |  |  |  |  |  |  |  |
| Rated output power | 10000 / 15000 W | | | | | | |
| Number of battery | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| Battery capacity | 10.24 kWh | 15.36 kWh | 20.48 kWh | 25.6 kWh | 30.72 kWh | 35.84 kWh | 40.96 kWh |
| Operating temperature | 0℃~50℃ (Charge) / -10℃~50℃ (Discharge) | | | | | | |
| Storage temperature | -15~60℃ | | | | | | |
| Humidity | 5%~95% | | | | | | |
| Cooling strategy | Fan | | | | | | |
| Enclosure protection rating | IP20 | | | | | | |
| Communication | WiFi/RS485 | | | | | | |
| Weight | 146 kg | 192.6 kg | 239.2 kg | 285.8 kg | 332.4 kg | 379 kg | 425.6 kg |
| Dimension [W x D x H] | 620*365*744 mm | 620*365*883 mm | 620*365*1022 mm | 620*365*1161 mm | 620*365*1300 mm | 620*365*1439 mm | 620*365*1578 mm |
| **Certificate** | | | | | | | |
| Certificate | CE,UN38.3,TUV mark | | | | | | |

Information may be subject to change without notice during product improving.

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